

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 54061727
PUBLICATION DATE : 18-05-79

APPLICATION DATE : 25-10-77
APPLICATION NUMBER : 52127279

APPLICANT : HINO MOTORS LTD;

INVENTOR : UDAGAWA TOKIO;

INT.CL. : B60R 21/10 // A62B 35/00

TITLE : SEAT BELT FOR AUTOMOBILE

ABSTRACT : PURPOSE: To facilitate rescue work after accident, by making it possible to easily and quickly release seat belts from passengers through a control mechanism installed at an operator's seat or elsewhere.

CONSTITUTION: Each seat belt 4 is made from fusible material such as nylon fibers. A heater 6 such as nichrome wire is fixed on one side of the belt 4 by a cover cloth 7 made from the same material as the belt. The heaters 6 are coupled to one another through lead wires and connected to a battery 10 through the control mechanism 9, which consists of a switch 11 provided near the operator's seat and an external switch 12 interlocked with the handle of emergency door as of bus and connected in parallel with the former switch 11. When either the switch 11 or the external switch 12 is turned on, the heaters 6 is energized by the battery 10 to heat and melt off the seat belts 4 to release the passengers therefrom.

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